Appl. No. 10/814,374

Response Dated November 20, 2007

Reply to Office Action of August 23, 2007

Docket No.: 1020.P18414 Examiner: Kang, Insun

TC/A.U. 2193

## **Amendments to the Specification:**

Please replace the abstract with the following amended abstract:

A method and apparatus to compact trace in a trace buffer are described wherein a trace for a subset of program instructions formed from a set of program instructions is generated with the trace comprising a path identifier value, start address, and end address. The trace is stored in a trace buffer, retrieved from the trace buffer, and the subset of program instructions are reproduced using the trace. Other embodiments are described and claimed.